

## CGS1

GCCAGGCAGCTGGCTGCCSACCGCCGCTGTATGTGAAGGTCAAGGCTGAAGCCCCGGAA  
 A R Q L A A X Q A V Y V K V K A E A R E  
 CTGCTGGGGCCACCCGCTGGTCTCTGTGTCTCTGTGTGGGTGCCAACTCACCACCTTTGAT  
 L L G H P W S L C P V C G C Q L T T F D  
 GGGGCCCCGTGGTGCCACCACTCTCCTGGTGTCTATGAAGCTCTCTTCCCGCTGCCCAGGA  
 G A R G A T T L L V S M K L S S R C P G  
 CTACAGAATACCATCCCTGGTACCGTGTAGTTGCCGAAGTCCAGATCTGCCATGGCAAA  
 L Q N T I P W Y R V V A E V Q I C H G K  
 ACGGAGGCTGTGGGCCAGGTCCACATCTTCTCCAGGATGGGATGGTGACGTTGACTCCA  
 T E A V G Q V H I F F Q D G M V T L T P  
 AACAAAGGCTGTGTGGTGAATGCTCTCCGAGTGGATCTCCAGCTGAGAAGTTAGCATCT  
 N K G V W V N G L R V D L P A E K L A S  
 GTGTCGCTGAGTCGTACACCTGATGGCTCCCTGCTAGTCCGCCAGAAGGCAGGGGCTCCAG  
 V S V S R T P D G S L L V R Q K A G V Q  
 GTGTGGCTTGGAGCCAAATGGGAAGGTGGCTGTGATTGTGAGCAATGACCATGCTGGGAAA  
 V W L G A N G K V A V I V S N D H A G K  
 CTGTGTGGGGGCTCTGGAAAATTGACGGGGGACCAGACCAATGATGGGATGATCCCC  
 L C G G L W K  
 AGGAGAAGCCAGCGATTGGGGAAWTGGAGAGCGCAGGGACTTTCTYCCMCATGTTAATGG  
 GCTTGWTCAGTTTCATCCACCAGGAACGAAGGATTTT

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Figure 1

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# CSG2

CAGGACTGCGTGTGACGGACAAGGTGGACAACAACCCCTGCTCAACGTCATCGCCTGC  
 Q D C V C T D K V D N N T L L N V I A C  
 ACCCAGCTGCCCTGCAACACCTCCTGCAGCCCTGGGTTGGAACATCGAGGCCCGGGG  
 T H V P C N T S C S P G F E L M E A P G  
 GAGTGTCTGAAGAAGTGTGAACAGACGCACTGTATCATCAAACGGCCCGACAACCAAGAC  
 E C C K K C E Q T H C I I K R P D N Q H  
 GTCATCCTGAAGCCCGGGGACTTCAAGAGCGACCCGAAGAACAACATGCACATTCTTCAGC  
 V I L K P G D F K S D P K N N C T F F S  
 TGCGTGAAGATCCACAACCAAGCTCATCTCGTCCGTTTCCAACATCACCTGCCCCAAGTTT  
 C V K I H N Q L I S S V S N I T C P N F  
 GATGCCAGCATTTGCATCCCGGGCTCCATCACATTGATGCCAATGGATGCTGCAAGACC  
 D A S I C I P G S I T F M P N G C C K T  
 TGCACCCCTCGCAATGAGACCAGGGTGGCCCTGCTCCACCGTCCCGTCAACCACGGAGTT  
 C T P R N E T R V P C S T V F V T T E V  
 TCGTAGCGGGCTGCACCAAGACCGTCTCTCATGAATCATGTCTCCGGGTCCTGCGGGACA  
 S Y A G C T K T V L M N H C S G S C G T  
 TTTGTCTGTACTCGGCCAAGGCCAGGCCCTGGACACAGCTGCTCCTGCTGCAAAAGAG  
 F V M Y S A K A Q A L D H S C S C C K E  
 GAGAAAAACGACCCAGCGTGAAGTGGTCTGTAGCTGCCCAATGGCGGCTCGTGACACAC  
 E K T S Q R E V V L S C P N G G S L T H  
 ACCTACACCCACATCGAGAGCTGCCAGTGCAGGACACCGTCTGCGGGCTCCCCACCGG  
 T Y T H I E S C Q C Q D T V C G L P T G  
 ACCTCCCGCGGGCCCGCGTTCCTAGGCATCTGGGGAGCGGTGAGCGGGCTGGCA  
 T S R R A R R S P R H L G S G  
 CAGCCCTTCAGCTGCCCTCGACAGCTTTACCTCCCCCGGACCCCTCTGAGCCTCCTAAGCT  
 CGGCTTCCTCTCTTCAGATAATTTATTGTCTGAGTTTTTTGTTTCAGTCTTGCCTTTCGAATA  
 ATAAACTCAGGGGACATGCAAAAAAAAAAAAAA

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Figure 2

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# CSG3

ATTGGTGTCTACCTGGCTCTCTGTCTCTGCAGCTCTACAGGTGAGGCCCGAGCAGAGGGAG  
 TAGGGCTCGCCATGTTTCTGGTGAGCCAATTTGGCTGATCTTGGGTGTCTGAACAGCTAT  
 TGGGTCCACCCAGTCCCTTTGAGCTGCTGCTTAATGCCCTGCTCTCTCCCTGGGCCACC  
 TTATAGAGAGCCCCAAGAGCTCCTGTAAAGAGGGAGAAGCTCTATCTGTGGTTTATAATCTT  
 GCACGAGGCACAGAAGTCTCCCTGGGTCTGTGAATGAAGTACATTTATCCCTTTCTCT  
 GCCCCAACCACAAACTCTTTCTTTCAAAGAGGGCTGCTGCTTCCCTCCACCCAACTGC  
 ACCATGAGATCGGTCCAAAGAGTCCATTCCCGAGGTGGGAGCCAACTGTACGGGAGGTCTT  
 TCCCACCAACATCTTTCAAGTTGCTGGGAGGTGACCATAGGGCTCTGCTTTTAAAGATAT  
 GGCTGCTTCAAAGGCCAGAGTCACAGGAAGGACTTCTTCCAGGGAGATTAGTGGTGATGG  
 AGAGGAGAGTTAAATGACCTCATGTCTTCTTGTCCACGGTTTGTGTGAGTTTCACTC  
 TTCTAATGCAAGGGTCTCACACTGTGAACCACTTAGGATGTGATCACTTTCAGGTGGCCA  
 GGAATGTGTGAATGTCTTTGGCTCAGTTGATCTCTAAAAAGATATCTATTGGAAGTTCTCA  
 GAGTTGTACATATGTTTTCACAGTACAGGATCTGTACATAAAAGTTTCTTTCTAAACCAT  
 TCACCAAGAGCCAATATCTAGGCATTTCCTCGGTAGCACAATTTCTNATTGCTTAGAA  
 AATTGTCTCTCCCTGTTCTTTCTGTCTGNAGACTTAAGTGAGTTAGGTCTTTAAGGAAAGC  
 AACGCTCCTCTGAAATGCTTGTCTTTTCTGTGTGCGGAAATAGCTGCTCTTTTTCGGG  
 AGTTAGATGTATAGAGTGTGTATGTAAACATTTCTGTAGGCATCACCATGAACANAG  
 ATATATTTTCTATTTANTTANTATATGTGCACTTCAAGAAGTCACTGTCAGAGAAATAAA  
 GAATTGTCTTAAATGTATGATTGGAGATGCTCTTTGCAATTGCTTGAAGGGGTGACCT  
 AGAGCCCAAGGAAATTGGCTCTGGTTTGGAAAAATTTTGTGTTATTATAGTAAACATACA  
 AAGGATGTC

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Figure 3

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CSG4

ATGAGTCCTGTGAAAAACAATGTGGGCAGAGGCCTAAACATCGCCCTGGTGAATGGAACC  
M S P V K N N - V G R G L N I A L V N G T  
ACGGGAGCTGTGCTGGGACAGAAGGCATTTGACATGTACTCTGGAGATGTTATGCACCTA  
T G A V L G Q K A F D M Y S G D V M H L  
GTGAAATTCCTTAAAGAAATTCGGGGGGGTGCACCTGGTGCTGGTGGCCTCCTACGACGAT  
V K F L K E I P G G A L V L V A S Y D D  
CCAGGGACCCAAATGAACGATGAAAGCAGGAAACTCTCTCTGACTTGGGGAGTTCTCTAC  
P G T K M N D E S R K L F S D L G S S Y  
GCAAAACAACCTGGGCTTCGGGACAGCTGGGTCTTCATAGGAGCCAAAGACCTCAGGGGT  
A K Q L G F R D S W V F I G A K D L R G  
AAAAGCCCCCTTTGAGCAGTTCTTAAAGAACAGCCAGACACAAACAATACGAGGGATGG  
K S P F E Q F L K N S P D T N K Y E G W  
CCAGAGCTGCTGGAGATGGAGGGCTGCATGCCCCCGAAGCCATTTTAGGGTGGCTGTGGC  
P E L L E M E G C M P P K P F  
TCTTCTCAGCCAGGGGCCTGAAGAAGYTCTGCTGCATTAGGAGTCANAGCCCGGCAG  
GCTGNAGGAGGAGGAGCAGGGGGTCTGCTGCTGGAAGGTGCTGCAGGCCTTGACGCTGTG  
TCGCGCCT

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Figure 4

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**Productivity** is the rate at which an individual or organization produces goods or services. It is a measure of efficiency and effectiveness. Productivity can be measured in various ways, such as output per worker, output per hour, or output per unit of input. Productivity is a key indicator of economic growth and development. It is influenced by many factors, including technology, capital, labor, and management. Improving productivity is a goal for many organizations and governments. It can lead to higher living standards, increased employment, and greater economic stability.

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CSG7

AGTCGCTCTCCTAGCCCTTCTCTGTGCCTCACCTCTGGCAATGCCATTACAGGCCAGGTC  
V A L L A L L C A S P S G N A I Q A R S  
TTCTCCTATAGTGGAGAATATGGAGGTGGTGGTGGAAAGCGATTCTCTCATTTCTGGCAA  
S S Y S G E Y G G G G G K R F S H S G N  
CCAGTTGGACGGCCCCATCACCGCCCTCCGGGTCCGAGTCAACACATACTACATCGTAGG  
Q L D G P I T A L R V R V N T Y Y I V G  
TCTTCAGGTGGCTATGGCAAGGTGTGGAGCGACTATGTGGGTGTCGCAACGGAGACCT  
L Q V R Y G K V W S D Y V G G R N G D L  
GGAGGAGATCTTTCTGCACCCCTGGGAATCAGTGATCCAGGTTTCTGGGAAGTACAAGTG  
E E I F L H P G E S V I Q V S G K Y K W  
GTACCTGAAGAAGCTGGTATTTGTGACAGACAAGGGCCGCTATCTGTCTTTTGGGAAAGA  
Y L K K L V F V T D K G R Y L S F G K D  
CAGTGGCACAAGTTTCAATGCCGTCCTCCCTTGACCCCAACACCCGTCTCCGCTTCATCAG  
S G T S F N A V P L H P N T V L R F I S  
TGGCCGGTCTGTTCTCTCATCGATGCCATTGGCCTGCACTGGGATGTTTACCCCACTAG  
G R S G S L I D A I G L H W D V Y P T S  
CTGCAGCAGATGCTGAGCCCTCTCTCTCTGGCAGGGGCACCTGTGATGAGGAGTAAGAACT  
C S R  
CCTTATCACTAACCCCCATC

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Figure 7

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CAGGAGGGAGAGCCTTCCCCAAGCAAACAATCCAGAGCAGCTGTGCAAAACAACGGTGCAT  
 AAATAAGGCCTCCTGGACCATGAATGCCAGTCCGCTGAGCTGGCTACCGAGCCCCACGGT  
 GGTGATGGCTGCCAGAGCGCTCTGCATGCTGGGGCTGGTCTCGCCCTTGCTGTCTCCAG  
 M A A R A L C M L G L V L A L L S S S  
 CTCTGCTGAGGAGTACGTGGGCTGTCTGCAAAACAGTGTGGCGTGCCAGCCAAGGACAG  
 S A E E Y V G L S A N Q C A V P A K D R  
 GGTGGACTGCGGCTACCCCCATGTACCCCCAAGGAGTGAACAACCGGGCTGCTGCTT  
 V D C G Y P H V T P K E C N N R G C C F  
 TGACTCCAGGATCCCTGGAGTGCCTTGGTGTTCAGCCCCCTGACAGGGAAGCAGGAATG  
 D S R I P G V P W C F K P L T G K Q E C  
 CACCTTCTGAGGCACCTCCAGCTGCCCCCGGGCGGGGATGCCAGGCTCGGAGCACCT  
 T F \*  
 TGCCCGGCTGTGATTGCTGCCAGGCACTGTTTATCTCAGCTTTTCTGTCCTTTGCTCCC  
 GGAAGCCTTCTGCTGAAAGTTCATATCTGGAGCCTGATGTTTAACTAGTCCCATGCTC  
 CACCCGAAAAAAAAAAAAAAAAAAAAAAAAA

Figure 8

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CSG10

AGGCTCTTCTCACAGGACCAGCCACTAGCGCAGCTCGAGCGATGGCCTATGTCCCCGCAC  
M A Y V P A P  
CGGGCTACCAGCCCACCTACAACCCGACGCTGCCCTTACTACCAGCCCCTCCCCGGCGGGC  
G Y Q P T Y N P T L P Y Y Q P I P G G L  
TCAACGCTGGGAATGCTCTGTTTACATCCAAGGAGTGGCCAGGAGCACATGAAGCGGTTCT  
N V G M S V Y I Q G V A S E H M K R F F  
TCGTGAACCTTTGTGGTTGGGCAGGATCCGGGCTCAGACGTCGCCTTCCACTTCAATCCGC  
V N F V V G Q D P G S D V A F H F N P R  
GGTTTGACGGCTGGGACAAGGTGGTCTTCAACACGTTGCAAGGCGGGAAGTGGGCGCAGG  
F D G W D K V V F N T L Q G G K W G S E  
AGGAGAGGAAGAGGACCATGCCCTTCAAAAAGGGTGCCGCTTTGAGCTGGTCTTCATAG  
E R K R S M P F K K G A A F E L V F I V  
TCCTGGCTGAGCACTACAAGGTGGTGAATGGAATCCCTTCTATGATACGGGCAACC  
L A E H Y K V V V N G N P F Y E Y G H R  
GGCTTCCCTACAGATGGTCACCCACCTGCAAGTGGATGGGATCTGCAACTTCAATCAA  
L P L Q M V T H L Q V D G D L Q L Q S I  
TCAACTTCATCGGAGGCCAGCCCTCCGGCCCCAGGACCCCGATGATGCACCTTACC  
N F I G G Q Q P L R P Q G P P M M P P Y P  
CTGGTCCCGACATTGCCATCAACAGCTGAACAGCCTGCCACCACATGGAAGGACCCCAA  
G P G H C H Q Q L N S L P T M E G P P T  
CCTTCAACCCGCTGTGCCATATTTGGGAGGCTGCAAGGAGGCTCACAGCTCGAAGAA  
F N P P V P Y F G R L Q G G L T A R R T  
CCATCATCATCAAGGGCTATGTGCTCCACAGGCAAGAGCTTTGCTATCAACTTCAAGG  
I I I K G Y V P P T G K S F A I N F K V  
TGGGCTCCTCAGGGACATAGCTCTGCACATTAATCCCGCATGGGCAACGGTACCGTGG  
G S S G D I A L H I N P R M G N G T V V  
TCGGAAACAGCCTTCTGAATGGCTCGTGGGATCCGAGGAGAAGAAGATCACCCACAACC  
R N S L L N G S W G S E E K K I T H N P  
CATTTGGTCCCGGACAGTTCTTTGATCTGTCCATTCGCTGGCTTGGATCGCTTCAAGG  
F G P G Q F F D L S I R C G L D R F K V  
TTTACGCCAATGGCCAGCACCTCTTTGACTTTGGCCCATCGCCTCTCGGCTTCCAGAGGG  
Y A N G Q H L F D F A H R L S A F Q R V  
TGGACACATTTGAAAATCCAGGGTGATGTCACCTTGTCCTATGTCCAGATCTAATCTATT  
D T L E I Q G D V T L S Y V Q I  
CTGGGGCCATAACTCATGGGAAAAAGAAATTATCCCTAGGACTCCTTCTAAGCCCTTA  
ATAAAATGTCTGAGGGTGCTCAAAAAAAAAAAAAAAAAAAAA 325800-435

Figure 9

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CSG11

GGTTGATATTAAACCCAGTGAAACCAAAACATGACACCTCTCTGAAACCTATTAGTGTCTCC  
V D I K T S E T K H D T S L K P I S V S  
TACAACCCAGCCACAGCCAAAGAAATTATCAATGTGGGGCATTCCTTCCATGTAAATTTT  
Y N P A T A K E I I N V G H S F H V N F  
GAGGACAAACGATAACCGATCAGTGTCTGAAAGGTGGTCCTTTCTCTGACAGCTACAGGCTC  
E D N D N R S V L K G G P F S D S Y R L  
TTTCAGTTCATTTCCTACTGGGGCAGTACAAATGAGCATGGTTCAGAACATACAGTGGAT  
F Q F H F H W G S T N E H G S E H T V D  
GGAGTCAAAATATTCTGCCGAGCTTCAGTGGCTCACTGGAATTCGCAAAGTACTCCAGC  
G V K Y S A E L H V A H W N S A K Y S S  
CTTGCTGAAGCTGCCCTCAAAGGCTGATGGTTTGGCAGTTATTGGTGTTTTGATGAAGGTT  
L A E A A S K A D G L A V I G V L M K V  
GGTGAGGCCAACCCAAAGCTGCAGAAAGTACTTGATGCCCTCCCAAGCAATTAAACCAAG  
G E A N P K L Q K V L D A L Q A I K T K  
GGCAAACGAGCCCCATTACAAAATTTTGACCCCTCTACTCTCCTTTCATCCCTGGAT  
G K R A P F T N F D P S T L L P S S L D  
TTCTGGACCTACCCTGGCTCTCTGACTCATCCTCCTCTTTATGAGAGTGTAACTGGATC  
F W T Y P G S L T H P P L Y E S V T W I  
ATCTGTGAAGGAGGCATCAGTGTCAGTTTCAGAGCAGTTGGCACAAATTCGGAGCCCTTCTA  
I C K E S I S V S S E Q L A Q F R S L L  
TCAAT  
S

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Figure 10

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Figure 11

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Figure 12

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